



PATENT
Customer No. 22,852
Attorney Docket No. 9146.0001-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
RAGHAVAN, Sreen) Group Art Unit: 2611
)
Application No.: 09/904,432) Examiner: WILLIAMS, Lawrence B.
)
Filed: July 11, 2001)
)
For: HIGH-SPEED COMMUNICATIONS) Confirmation No.: 9701
TRANSCEIVER)

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement includes a certification as specified by Section 1.97(e).

Each document listed in this Information Disclosure Statement was mailed from the U.S. Patent and Trademark Office in related applications, and this Information Disclosure Statement is being filed within three months of the mailing date of the communications.

Copies of the listed non-patent literature documents are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

The United States Court of Appeals for the Federal Circuit held in *Dayco Products, Inc. v. Total Containment, Inc.*, 329 F.3d 1358, 66 U.S.P.Q.2d 1801 (Fed. Cir. 2003), that an "adverse decision" by another examiner may meet the materiality standard under the amended Rule 56, and thus, Applicant should disclose prior rejections of "substantially similar claim[s]" to the Office. Accordingly, although Applicant is not representing that the Office Actions in the co-pending applications are material to the present application and are not admitting that any of the other claims are substantially similar, out of an abundance of caution, Applicant has listed the substantive Office Actions filed in co-pending applications on the enclosed Form PTO/SB/08.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

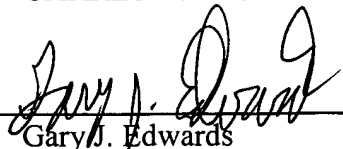
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

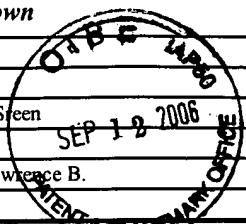
Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: September 12, 2006

By: 
Gary J. Edwards
Reg. No. 41,008

EXPRESS MAIL LABEL NO. EV 901562792 US

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known 	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Application Number</i>	09/904,432
				<i>Filing Date</i>	July 11, 2001
				<i>First Named Inventor</i>	RAGHAVAN, Steen
				<i>Art Unit</i>	2611
				<i>Examiner Name</i>	WILLIAMS, Lawrence B.
Sheet	1	of	1	<i>Attorney Docket Number</i>	9146.0001-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials*	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² <i>(if known)</i>			

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ <i>(if known)</i>				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Office Action mailed July 26, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146.0001-01).	
		Final Office Action mailed June 13, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.0001-02).	
		Response to Office Action dated August 1, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.0001-02).	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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IDS Form PTO/SB/08: Substitute for form 1449A PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Sheet 1 of 2

Application Number 09/904,432
Filing Date July 11, 2001
First Named Inventor RAGHAVAN, Sreen
Art Unit 2634
Examiner Name WILLIAMS, Lawrence
Attorney Docket Number 9146.0001-00

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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2004/0162023	08-19-2004	Cho	
		US-2004/0137941	07-15-2004	Tanaka et al.	
		US-2004/0121753	06-24-2004	Sugar et al.	
		US-2004/0106380	06-03-2004	Vassiliou et al.	
		US-2004/0091028	05-13-2004	Aronson et al.	
		US-2003/0054782	03-20-2003	Snider	
		US-2003/0017809	01-23-2003	Garlepp et al.	
		US-2002/0163974 A1	11-07-2002	Friedman	
		US-2002/0086651	07-04-2002	Prentice et al.	
		US-2002/0039052	04-04-2002	Straub et al.	
		US-6,804,497	10-12-2004	Kerth et al.	
		US-6,731,704	05-04-2004	Kiyanagi	
		US-6,529,303 B1	03-04-2003	Rowan et al.	
		US-6,292,559 B1	09-18-2001	Gaikwad et al.	
		US-6,259,745 B1	07-10-001	Chan	
		US-5,838,740	11-17-1998	Kallman et al.	
		US-5,822,368 A	10-13-1998	Wang	
		US-5,285,474 A	02-08-1994	Chow et al.	
		US-4,679,225	07-07-1987	Higashiyama	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0554056 B1	05-27-1998	Fujitsu Limited		
		EP 0987830 A	03-22-2000	Mitsubishi Electric Corp.		
		WO 99/45683	09-10-1999	Kestrel Solutions, Inc.		
		WO 00/51303 A	08-31-2000	Aware Inc.		

Examiner Signature		Date Considered	
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/904,432
				Filing Date	July 11, 2001
				First Named Inventor	RAGHAVAN, Sreen
				Art Unit	2634
				Examiner Name	WILLIAMS, Lawrence B.
Sheet	2	of	2	Attorney Docket Number	9146.0001-00

FOREIGN PATENT DOCUMENTS					
		WO 03/007564 A	01-23-2003	Myrica Networks Inc.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		CLARK, JR., G.C. and CAIN, J.B., Error Correction Coding for Digital Communications (Plenum Press, New York 1981) pp 253-264	
		International Search Report dated July 12, 2004, from corresponding PCT Application No. PCT/US04/014538.	
		LEE, EDWARD A. and MESSERSCHMITT, DAVID G., Digital Communications (Kluwer Academic Publishers, 1988) pp 371-402	
		SKLAR, BERNARD, Digital Communications, Fundamentals and Applications (Prentice-Hall, Inc., 1988)	
		UNGERBOECK, G., "Channel Coding with Multilevel/Phase Signals," IEEE Transactions on Information Theory, vol 1t-28, January 1982, pp 55-67	
		UNGERBOECK, G., "Trellis Coding Modulation with Redundant Signal Sets, Part I. Introduction." IEEE Communications Magazine, vol. 25, no. 2, Feb. 1987, pp. 5-11	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/904,432
		Filing Date	July 11, 2001
		First Named Inventor	RAGHAVAN, Sreen
		Art Unit	2638
		Examiner Name	WILLIAMS, Lawrence B.
Sheet 1 of 2	Attorney Docket Number	9146.0001-00	

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Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2004/0130483 A1	07-08-2004	Brilka et al.	
		US-4,599,732	07-08-1986	LeFever	
		US-4,995,031	02-19-1991	Aly et al.	
		US-5,604,768	02-18-1997	Fulton	
		US-5,715,280	02-03-1998	Sandberg et al.	
		US-5,844,950	12-01-1998	Aono et al.	
		US-5,852,629	12-22-1998	Iwamatsu	
		US-6,044,112	03-28-2000	Koslov	
		US-6,121,828	09-19-2000	Sasaki	
		US-6,128,114	10-03-2000	Wingo	
		US-6,351,677 B1	02-26-2002	Leyonhjelm et al.	
		US-6,441,683 B1	08-27-2002	Hwang et al.	
		US-6,522,702 B1	02-18-2003	Maruyama	
		US-6,647,071 B2	11-11-2003	Sommer et al.	
		US-6,807,234 B2	10-19-2004	Hansen	
		US-6,831,954 B1	12-14-2004	Mandyam	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Application Number</i>	09/904,432
				<i>Filing Date</i>	July 11, 2001
				<i>First Named Inventor</i>	RAGHAVAN, Sreen
				<i>Art Unit</i>	2638
				<i>Examiner Name</i>	WILLIAMS, Lawrence B.
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		EPO Examination Report for EP Application No. 02 748 158.9, dated December 8, 2004 (4 pages).	
		Response to Office Action dated October 28, 2005 in U.S. Appl. No. 09/965,242 (Our ref. 9146-01-01).	
		Final Office Action mailed January 30, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146-01-01).	
		Office Action dated December 28, 2005 in U.S. Appl. No. 10/071,771 (Our ref. 9146-01-02).	

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		Examiner Name	WILLIAMS, Lawrence
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		CN 2161025 Y	04-06-1994	Li		No

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		Office Action issued by the Chinese IPO on March 17, 2006 (Our ref 9146.01-139), with English translation, 18 pages.	
		Response to Final Office Action filed May 1, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146.01-01).	
		Response to Office Action dated March 28, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.01-02)	

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